DOCKET NO.: MSFT-0038/36765.2   **PATENT**
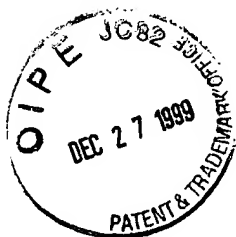
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
David B. Lomet et al.

Serial No.: 09/268,146   Group Art Unit: 2771

Filing Date: March 15, 1999   Examiner: Not Yet Assigned

For: DATABASE COMPUTER SYSTEM USING LOGICAL LOGGING TO
        EXTEND RECOVERY

DATE OF DEPOSIT: 12/23/99

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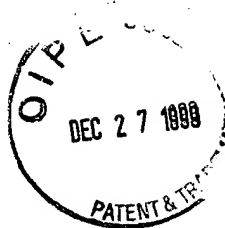
Box   ☒ **NON-FEE**

          ☐ AF

Assistant Commissioner for Patents
Washington DC 20231

Sir:

AMENDMENT TRANSMITTAL LETTER

Transmitted herewith for filing in the above-identified patent application is:

☒   **A Preliminary Amendment.**

☐   An Amendment Responsive to the Office Action Dated _____.

☐   An Amendment Supplemental to the Paper filed _____.

☐   Other: _____

☐   Small entity status of this application under 37 C.F.R. 1.9 and 1.27 was established in a previous submission.

☐   A Statement Claiming Small Entity Status under 37 C.F.R. 1.9 and 1.27 is enclosed.

☐   This application is no longer entitled to small entity status. It is requested that this be noted in the files of the Patent and Trademark Office.

☐   Substitute Pages _____ of the Specification are enclosed.

☐   An Abstract is enclosed.

☐   _____ Sheets of Proposed Corrected Drawings are enclosed.

☐   A Certified Copy of each of the following applications: _____
_____ is enclosed.

☐   An Associate Power of Attorney is enclosed.

☐   Information Disclosure Statement.

        ☐   Attached Form 1449.

        ☐   A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.

☐   Appended Material as follows: _____

☐   Other Material as follows: _____

FEE CALCULATION

☒   No Additional Fee is Due.

DEC 2 7 1999
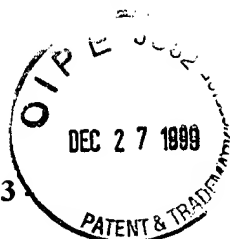
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	SMALL ENTITY		NOT SMALL ENTITY	
				RATE	FEE	RATE	FEE
TOTAL CLAIMS	40	40 (20 MINIMUM)	0	$9 EACH	$	$18 EACH	$ 0
INDEP. CLAIMS	8	8 (3 MINIMUM)	0	$39 EACH	$	$78 EACH	$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT				$130	$	$260	$
☐ ONE MONTH EXTENSION OF TIME				$55	$	$110	$
☐ TWO MONTH EXTENSION OF TIME				$190	$	$380	$
☐ THREE MONTH EXTENSION OF TIME				$435	$	$870	$
☐ FOUR MONTH EXTENSION OF TIME				$680	$	$1360	$
☐ FIVE MONTH EXTENSION OF TIME				$925	$	$1850	$
☐ LESS ANY EXTENSION FEE ALREADY PAID				minus	($)	minus	($)
☐ TERMINAL DISCLAIMER				$55	$	$110	$
☐ OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE							$ 0

☐   A Check is Enclosed in the Foregoing Amount Due.

☐   Petition is hereby made under 37 C.F.R. 1.136(a) to extend the time for response to the Office Action of @@ to and through @@ comprising an extension of the shortened statutory period of @@ month(s).

☒   The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.
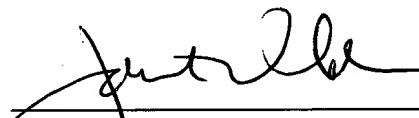
DEC 27 1999
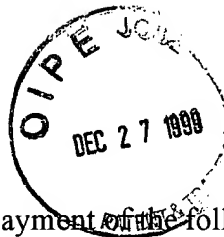
☒   The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.

☐   The Foregoing Amount Due for Filing this Paper.

☒   Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.

☒   Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).

SHOULD ANY DEFICIENCIES APPEAR with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.
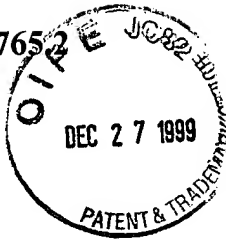
Date: 12/23/99

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David B. Lomet; Mark R. Tuttle

Serial No.: **09/268,146**   Group Art Unit: **2771**

Filed: **March 15, 1999**   Examiner: **Not yet assigned**

For: **DATABASE COMPUTER SYSTEM USING LOGICAL LOGGING TO EXTEND
       RECOVERY**

Assistant Commissioner
 for Patents
Washington, D.C. 20231

Dear Sir:

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows.

IN THE SPECIFICATION:

On page 47, lines 4-7, delete "2. If the resulting graph has a cycle, collapse each strongly
connected region of the graph into a single node. Each such node n has ops(n) that equals the